
Patent/Publication No. 502102
Title Thermal transfer devices
Publication Date 2002/09/11
Application Date 2001/10/16
Application No. 090125549
Certification_Number 162842
IPC **F28D-015/00**
Inventor FLINT, JAMES PATRICK US;
DEAN, NANCY F. US
Applicant HONEYWELL INTERNATIONAL INC. US
Priority Number 20010817 US20010313359P

Abstract The invention includes a thermal transfer device. The device includes a housing which defines at least part of chamber sealed from the atmosphere, and a working fluid contained within the chamber. The housing can be formed of a composition which includes a polymer base matrix having a thermally conductive filler material dispersed therein. The housing can have a thermal conductivity of at least about 10 W/mK. The device can include a wick comprising woven carbon fibers.

Individual F